

**DEPARTMENT OF WATER RESOURCES**

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June 5, 2014

Ms. Lauren Bauer  
Kern County Water Agency  
Post Office Box 58  
Bakersfield, California 93302

**Kern County Integrated Regional Water Management Plan Draft Review**

Dear Ms. Bauer:

Attached please find the Department of Water Resources (DWR) draft review of the Kern County Integrated Regional Water Management (IRWM) Plan. Based on our review, the Kern County IRWM Plan is not consistent with the IRWM Planning Act and the related IRWM Plan Standards contained in the 2012 IRWM Grant Program Guidelines because of issues related to the Climate Change standard.

DWR encourages you to contact the person below to discuss the draft review and possible follow-up. It is incumbent on the Regional Water Management Group to respond in a timely manner as the Plan Review Process does not exempt the IRWM region from compliance with external deadlines and requirements, such as application due dates or provisions of existing grant agreements.

Pursuant to Appendix H of the Guidelines, the public comment period for this review will begin on June 15, 2014. The draft review will be available for public comments for 30 calendar days on the following website: <http://www.water.ca.gov/irwm/grants/prp.cfm>.

If you have any questions, please contact Ted Daum at (916) 651-9264 or [Theodore.Daum@water.ca.gov](mailto:Theodore.Daum@water.ca.gov).

Sincerely,

A handwritten signature in cursive script, reading 'Tracie L. Billington'.

Tracie L. Billington, P.E. Chief  
Financial Assistance Branch  
Division of Integrated Regional Water Management

## INTRODUCTION

IRWM planning regions must have an IRWM Plan that has been reviewed and deemed consistent with the 2012 IRWM Plan Standards by DWR for eligibility to receiving Round 3 Proposition 84 funding. This 2012 IRWM Plan Standards Review Form for DWR staff use provides a consistent means in determining whether the 2012 IRWM Guidelines are being addressed in the IRWM Plan. It is part of the Plan Review Process that will begin prior to Round 3 solicitation. The form is similar to a grant application review form in that there is a checklist for each of the 16 Plan Standards and narrative evaluations where required. However, the evaluation is pass/fail; there is no numeric scoring. Each Plan Standard is either sufficient or not based on its associated requirements. Each Standard consists of between one and fourteen requirements. A Yes or No is automatically calculated in each Plan Standard header based on the individual requirement evaluations. In general, a passing score of "C" (i.e. 70% of the requirements for a given Plan Standard) is required for a Standard to pass. Standards with only one or 2 requirements will need one or both of those requirements to pass. Standards with 3 requirements will need at least 2 of the requirements to pass. Standards with 4 or 5 requirements will need at least 3 to pass. Some plan elements are legislated requirements. Such plan elements must be met in order to be considered consistent with plan standards. A summary of the sufficiency of each Standard is automatically calculated on the Standards Summary worksheet. A "No" evaluation indicates that a Standard was not met due to insufficient requirements comprising the Standard. The evaluation for each Plan Standard and any associated insufficiencies is automatically compiled on the Standards Summary page. Additional reviewer comments may be added at the bottom of each standards work sheet.

**Note:** This review form is meant to be a tool used in conjunction with the 2012 IRWM Guidelines document to assist in the evaluation of IRWM plans. It is not designed to be a substitute for the Guidelines document itself. Reviewers must use the Guidelines in determining plan consistency.

## DEFINITION OF TABLE HEADINGS

**IRWM Plan Standard:** As named in the November 2012 IRWM Prop 84 and 1E Guidelines.

**Overall Standard Sufficient:** This field is either "YES" or "NO" and is automatically calculated based on the "Sufficient" column described below. If all fields are "y", the overall standard is deemed sufficient. Any entry other than a "y" in the Sufficient column (i.e. "n", "?", not sure, more detail needed, etc.) results in a NO.

**Plan Standard Requirements Which Must Be Addressed** Fields with an asterisk \* are required by legislation to be included in an IRWM Plan.

Requirement	Requirements are taken directly from the November 2012 Guidelines.
Included	Is the Guideline Requirement included in the IRWM Plan? The options are: y = yes, requirement is included in the IRWMP; or n = no, requirement is not included in the IRWMP. If only y or n then presence/absence of the requirement is sufficient for evaluation. If there is a "q" (qualitative) then add a brief narrative, similar to a Grant Application Review public evaluation or supporting information.
Plan Standard Source	
2012 IRWM Grant Program Guidelines Source Page(s)	Page(s) in the Guidelines (November 2012) which pertain to the Requirement.
Legislative Support and/or Other Citations	The CWC or other regulations that pertain to the Requirement, <b>if applicable</b> . This is for reference purposes. The cell links to a weblink of the regulatory code.
Evidence of Sufficiency	
Location of Standard in Grantee IRWM Plan	The page(s) or sections in the IRWM Plan where information on the Requirement can be found. This can be specific paragraphs or entire chapters for more general requirements.
Brief Qualitative Evaluation Narrative	Supporting information for the Requirement if a "q" is in the Included column. This can be just a few sentences or a paragraph and can be taken directly from the IRWM Plan. Comments or supporting information may be entered regardless of whether required.
Sufficient	Is the Guidelines requirement sufficiently represented in the IRWM Plan (y/n).

## 2012 IRWM Plan Standards Review Form

Regional Acceptance Process Planning Region: Kern County  
Regional Water Management Group: Kern Region Regional Water Management Group  
IRWM Plan Title: Tulare Lake Basin Portion of Kern County Integrated Regional Water Management Plan Final Update

### ONE OR MORE PLAN STANDARDS NOT SUFFICIENT

IRWM Plan Standard	Overall Standard Sufficient	Requirement(s) Insufficient
<a href="#">Governance</a>	Yes	
<a href="#">Region Description</a>	Yes	
<a href="#">Objectives</a>	Yes	
<a href="#">Resource Management Strategies</a>	Yes	
<a href="#">Integration *</a>	Yes	
<a href="#">Project Review Process</a>	Yes	
<a href="#">Impact and Benefit</a>	Yes	
<a href="#">Plan Performance and Monitoring</a>	Yes	
<a href="#">Data Management</a>	Yes	
<a href="#">Finance</a>	Yes	
<a href="#">Technical Analysis</a>	Yes	
<a href="#">Relation to Local Water Planning</a>	Yes	
<a href="#">Relation to Local Land Use Planning</a>	Yes	
<a href="#">Stakeholder Involvement</a>	Yes	
<a href="#">Coordination</a>	Yes	
<a href="#">Climate Change</a>	No	See Climate Change plan standard.

\* If not included as an individual section use Governance, Project Review Process, and Data Management Standards per November 2012 Guidelines, p. 44.

#### Additional Comments:

Although not needed to become consistent with current plan standards, DWR recommends the RWMG consider the following comments in future plan updates. **Governance:** While the past plan access and participation opportunities are discussed it is unclear what the ongoing or future opportunities to participate in the IRWM process entail. **Project Review Process:** Could not locate information on how the project review process considers a project proponent's adoption of the IRWM plan.

IRWM Plan Standard: Governance					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Regulatory and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Document a governance structure to ensure updates to the IRWM Plan							
The name of the RWMG responsible for implementation of the IRWMP	y/n	y	18/35	CWC §10539	Section 1.3.1		y
A description of the IRWM governance structure	y/n	y	19/36		Sections 12.5.1 and 12.5.4 and Appendix I		y
A description of how the chosen form of governance addresses and ensures:							
Public outreach and involvement processes	y/n/q	q	19/36-37	§10540, §10541	Sections 1.3.3 (Table 1-2), 1.4, and Section 15	Section 1.3.3 includes a discussion of all stakeholders involved in the IRWM process, showing that they cover a vary broad interest set. Table 1-2 lists out all stakeholders as well. Section 1.4 discusses the Participation and Outreach in development of the IRWMP. Section 15 discusses the coordination and outreach efforts the RWMG conducted with local and state agencies, DACs, and the broader public.	y
Effective decision making	y/n/q	q	19/37		Section 12.5.5 and Appendix I	Section 12.5.5 and Appendix I discuss the representation within the RWMG and the decision-making process.	y
Balanced access and opportunity for participation in the IRWM process	y/n/q	q	19/37			While the past plan access and participation opportunities are discussed it is unclear what the ongoing or future opportunities to participate in the IRWM process entail.	N
Effective communication – both internal and external to the IRWM region	y/n/q	q	19/37-38		Sections 1.1.1, 1.4.1, and 12.5.4	Section 1.1.1 discusses the relationship and communication with the neighboring IRWMs. Section 1.4.1 community outreach efforts including mailing, emails, website postings, and word of mouth. Section 12.5.4 discusses the Roles within the RWMG and discusses effective communication between the RWMG, Stakeholder Group, and Executive Committee.	y
Long term implementation of the IRWM Plan	y/n/q	q	19/38		Sections 12.5 and 12.7	Section 12.5 discusses the institutional structure for plan implementation and Section 12.7 discusses the 20 year timeframe of the IRWM Plan with re-adoption scheduled in 5-year intervals.	y
Coordination with neighboring IRWM efforts and State and federal agencies	y/n/q	q	19/38		Sections 1.1.1, 1.3.3.3, 15.2	Section 1.1.1 discusses the communication and coordination with the neighboring IRWMs. Section 1.3.3.3 discusses the regulatory and state stakeholders in the Region. Section 15.2 discusses the coordination with state and federal agencies.	y
The collaborative process(es) used to establish plan objectives	y/n/q	q	19/38		Section 10.1	Section 10.1 discusses the development of the objectives as an iterative and consensus based process.	y
How interim changes and formal changes to the IRWM Plan will be performed	y/n/q	q	19/38		Section 12.6	Section 12.6 discusses amendments to the Plan. The RWMG must approve of an amendment by a simple majority vote, the Executive Committee or RWMG shall hold a public hearing to notify the public of the intention to adopt an amended plan, and the amended plan is in full effect when at least 3 public agencies (2 having statutory authority over water supply) sign and adopt the Plan.	y
Updating or amending the IRWM Plan	y/n/q	q	19/38		Section 12.6	Section 12.6 discusses amendments to the Plan.	y
Publish NOI to prepare/update the plan; adopt the plan in a public meeting	y/n/q	q	35	CWC §10543	Sections 1.4 and 12.6	Section 12.6 discusses holding a public hearing to notify the public of intent to adopt.	y

IRWM Plan Standard: Region Description					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
If applicable, describe and explain how the plan will help reduce dependence on the Delta supply regionally	y/n	y	20	--	Section 1.6.1.4 and Section 10.2.1		y
Describe watersheds and water systems	y/n	y	19/39	<a href="#">PRC §75026.(b)(1) and CWP Update 2009</a>	Section 2.6		y
Describe internal boundaries	y/n	y	19/39	--	Section 1.1, Section 2.1, and Figures 1-2 and 1-3		y
Describe water supplies and demands for minimum 20 year planning horizon	y/n	y	19/39	--	Section 1.1 and Section 2.6		y
Describe water quality conditions	y/n	y	19/40	--	Section 2.7		y
Describe social and cultural makeup, including specific information on DACs and tribal communities in the region and their water challenges.	y/n/q	q	19/40	--	Sections 2.5, 3.3, 4.3, 5.3, 6.3, 7.3, 8.3, and 9.3	Section 2.5 discusses the social and cultural makeup overall, and Sections 3-9.3 discuss the social and cultural characteristics of each subregion elaborating on the economic conditions and trends, and the DACs that are in the subregion.	y
Describe major water related objectives and conflicts *	y/n/q	q	19/40	<a href="#">§10541. (e)(3)</a>	Sections 2.10, 3.4, 4.4, 5.4, 6.4, 7.4, 8.3.6, 9.4, and 10.1	Section 2.10 discusses regional issues, needs, challenges and priorities. Sections 3.4, 4.4, 5.4, 6.4, 7.4, 8.3.6, and 9.4 discuss the subregional issues, needs, challenges and priorities based on respective subregions. Section 10.1 discusses the Regional objectives based on these issues, needs, challenges, and priorities.	y
Explain how IRWM regional boundary was determined and why region is an appropriate area for IRWM planning.	y/n/q	q	19/40	--	Sections 1.1 and 1.2	Section 1.1 states "{the Kern IRWM Region}...consists of that portion of the Tulare Lake Basin hydrologic region that is within Kern County, with small additional areas that are included for hydrologic reasons." The region is appropriate because it is "consistent with the Tulare Lake Hydrologic Basin Planning Area boundary delineated by the CVRWQCB, and the CWP Bulletin 160 Hydrologic Region, and IRWM Program "Funding Area" boundary".	y
Describe neighboring and/or overlapping IRWM efforts	y/n	q	19/40	--	Section 1.1.1		y
Explain how opportunities are maximized (e.g. people at the table, natural features, infrastructure) for integration of water management activities	y/n	q	38	--	Sections 1.1, 1.2, 10.1, 12.2, and 12.3		y

\* Requirement must be addressed.

IRWM Plan Standard: Objectives					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Qualitative Narrative	y/n
Through the objectives or other areas of the plan, the 7 items on pg 41 of GL are addressed. *	y/n	y	20/40 - 41	<a href="#">§10540.(c)</a>	Section 2.10 and Section 10		y
Describe the collaborative process and tools used to establish objectives: - How the objectives were developed - What information was considered (i.e., water management or local land use plans, etc.) - What groups were involved in the process - How the final decision was made and accepted by the IRWM effort	y/n	y	20/41	--	Sections 1.4, 2.10, 10.1, and 10.2		y
Identify quantitative or qualitative metrics and measureable objectives: Objectives must be measurable - there must be some metric the IRWM region can use to determine if the objective is being met as the IRWM Plan is implemented. Neither quantitative nor qualitative metrics are considered inherently better. *	y/n/q	q	20/41 - 42	<a href="#">10541.(e)</a>	Section 10.2 and Table 10-1	Section 10.2 categorizes the objectives into five resource categories and Table 10-1 presents the objectives, along with the proposed means for measuring progress. Planning targets are quantified if applicable.	y
Explain how objectives are prioritized or reason why the objectives are not prioritized	y/n/q	q	20/42-43	--	Section 10.1	Section 10.1 discusses the process for objective prioritization as an iterative and consensus based process.	y
Reference specific overall goals for the region: RWMGs may choose to use goals as an additional layer for organizing and prioritizing objectives, or they may choose to not use the term at all.	y/n	y	43	--	Sections 1.2, 10.1, and 10.2		y

\* Requirement must be addressed.

IRWM Plan Standard: Resource Management Strategies (RMS)						Overall Standard Sufficient	Yes
Requirement	Included		Plan Standard Source			Evidence of Sufficiency	Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Identify RMS incorporated in the IRWM Plan: Consider all California Water Plan (CWP) RMS criteria (29) listed in Table 3 from the CWP Update 2009 *	y/n	y	20/43	<a href="#">CWP Update 2009 Volume II; 10541(e)(1)</a>	Section 11.2		y
Consideration of climate change effects on the IRWM region must be factored into RMS	y/n	y	20/43	--	Sections 2.10.11, 11.2.8, and Table 10-2		y
Address which RMS will be implemented in achieving IRWM Plan Objectives	y/n	y	44	--	Section 11.3		y

\* Requirement must be addressed.

IRWM Plan Standard: Integration					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Contains structure and processes for developing and fostering integration <sup>1</sup> : - Stakeholder/institutional - Resource - Project implementation	y/n/q	q	20/44 - 45	<a href="#">§10540.(g).</a> <a href="#">§10541.(h)(2)</a>	Sections 1.1, 1.2, 1.4, 1.6.2, 10.1, 12.2, 12.3, 13.6, 14.1, 14.6, and 15	Sections 1.1 and 1.2 discuss the boundaries and need for the IRWM, along with the purpose for integrated regional water management planning - to maximize interests. Section 10.1 discusses objectives development, which prioritizes the needs of the Region and maximizes the regions natural features in project selection. Sections 12.2 and 12.3 discuss IRWM strategies and the value to multi-benefit projects, along with the advantages and benefits to implementing an IRWM Plan. Sections 1.4 and 15 discuss stakeholder integration throughout Plan development, along with inclusive participation for the future Plan Implementation. Section 13.6 discusses funding strategies for integrating projects based on different funding available and inherent criteria. Section 14.1 discusses the technical feasibility of projects and the integration of data for assessing the feasibility. Section 14.6 discusses the dynamic nature of the document and the need to continually evaluate and monitor performance to check in with the true efforts towards integration.	y

1. If not included as an individual section use Governance, Project Review Process, and Data Management Standards per November 2012 Guidelines, p. 44.



IRWM Plan Standard: Project Review Process					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Regulatory and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Process for projects included in IRWM plan must address 3 components: - procedures for submitting projects - procedures for reviewing projects - procedures for communicating lists of selected projects	y/n	y	20/45	§75028.(a)	Sections 11.4 and 12.1		y
Does the project review process in the plan incorporate the following factors:							
How a project contributes to plan objectives	y/n	y	20		Section 12.1.1 and Appendix G (Part 6 of the Project Submittal Form)		y
How a project is related to Resource Management Strategies identified in the plan.	y/n	y	20		Sections 11 and 12.1.2, Appendix G		y
The technical feasibility of a project.	y/n	y	20		Section 14.1		y
A projects specific benefits to a DAC water issue.	y/n	y	20		Section 12.1.1 and Appendix G		y
Environmental Justice considerations.	y/n	y	20		Section 12.1.1 and Appendix G		y
Project costs and financing	y/n	y	20		Section 12.1.1 and Appendix G		y
Address economic feasibility	y/n	y	21		Section 12.1.1 and Appendix G		y
Project status	y/n	y	21		Section 12.1.1 and Appendix G		y
Strategic implementation of plan and project merit	y/n	y	21/48		Section 12.2		y
Project's contribution to climate change adaptation	y/n	y	21		Section 12.1.2 and Appendix G		y
Contribution of project in reducing GHGs compared to project alternatives	y/n	y	21		Section 12.1.2 and Appendix G		y
Status of the Project Proponent's IRWM plan adoption	y/n	N	21			Could not locate information on how the project review process considers a project proponent's adoption of the IRWM plan.	N
Project's contribution to reducing dependence on Delta supply (for IRWM regions receiving water from the Delta).	y/n	y	21		Appendix G and H		y

IRWM Plan Standard: Impact and Benefit					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Discuss potential impacts and benefits of plan implementation within IRWM region, between regions, with DAC/EJ concerns and Native American Tribal communities	y/n	y	21	--	Sections 12.3 and 12.4		y
State when a more detailed project-specific impact and benefit analysis will occur (prior to any implementation activity)	y/n	y	49	--	Section 12.4		y
Review and update the impacts and benefits section of the plan as part of the normal plan management activities	y/n	Y	50	--	Section 12.6		Y

IRWM Plan Standard: Plan Performance and Monitoring						Overall Standard Sufficient	Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Contain performance measures and monitoring methods to ensure that IRWM objectives are met *	y/n	y	21/53	<a href="#">PRC §75026.(a)</a>	Sections 10.1, 14.6, and Table 10-1		y
Contain a methodology that the RWMG will use to oversee and evaluate implementation of projects.	y/n	y	21/53		Sections 12.5.4 and 14.6		y

\* Requirement must be addressed.

IRWM Plan Standard: Data Management					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Regulatory and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Describe data needs within the IRWM region	y/n	y	54	--	Section 14.5		y
Describe typical data collection techniques	y/n	y	54	--	Section 14.2, 14.3, and 14.6.1		y
Describe stakeholder contributions of data to a data management system	y/n	y	54	--	Sections 14.1, 14.2, 14.5, 14.6, and 14.6.2		y
Describe the entity responsible for maintaining data in the data management system	y/n	y	54	--	Section 14.6.2		y
Describe the QA/QC measures for data	y/n	y	54	--	Section 14.6.1		y
Explain how data collected will be transferred or shared between members of the RWMG and other interested parties throughout the IRWM region, including local, State, and federal agencies *	y/n	y	54	--	Sections 14.4 and 14.6.2		y
Explain how the Data Management System supports the RWMG's efforts to share collected data	y/n	y	54	--	Section 14.6		y
Outline how data saved in the data management system will be distributed and remain compatible with State databases including CEDEN, Water Data Library (WDL), CASGEM, California Environmental Information Catalog (CEIC), and the California Environmental Resources Evaluation System (CERES).	y/n	y	54	--	Section 14.6		y

\* Requirement must be addressed.

IRWM Plan Standard: Finance					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Include a programmatic level (i.e. general) plan for implementation and financing of identified projects and programs* including the following:	y/n	y	21	<a href="#">§10541.(e)(8)</a>	Section 13		y
List known, as well as, possible funding sources, programs, and grant opportunities for the development and ongoing funding of the IRWM Plan.	y/n	y	21		Sections 13.2 through 13.4 and Tables 13-1 and 13-2		y
List the funding mechanisms, including water enterprise funds, rate structures, and private financing options, for projects that implement the IRWM Plan.	y/n	y	21		Sections 13.2 through 13.4 and Tables 13-1 and 13-2		y
An explanation of the certainty and longevity of known or potential funding for the IRWM Plan and projects that implement the Plan.	y/n	y	21		Section 13 and Appendix G (Project Submittal Form, Part 5)		y
An explanation of how operation and maintenance (O&M) costs for projects that implement the IRWM Plan would be covered and the certainty of operation and maintenance funding.	y/n	y	21		Section 13.5 and Appendix G (Project Submittal Form, Part 5)		y

\* Requirement must be addressed.

IRWM Plan Standard: Technical Analysis						Overall Standard Sufficient	Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Document the data and technical analyses that were used in the development of the plan *	y/n	y	22	--	Section 14.1		y

\* Requirement must be addressed.

DRAFT

IRWM Plan Standard: Relation to Local Water Planning					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Identify a list of local water plans used in the IRWM plan	y/n	y	22	<a href="#">§10540 (b)</a>	Section 14.1.1 and Tables 14-1 through 14-4		y
Discuss how the plan relates to these other planning documents and programs	y/n	y	22		Section 14.1.1 and 15.1		y
Describe the dynamics between the IRWM plan and other planning documents	y/n	y	22		Sections 14.1.1, 14.4, and 15.1		y
Describe how the RWMG will coordinate its water mgmt planning activities	y/n	y	58		Sections 14.2, 15.1, 15.2		y

IRWM Plan Standard: Relation to Local Land Use Planning					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Document current relationship between local land use planning, regional water issues, and water management objectives	y/n	Y	22/59 - 62	--	Sections 1.2, 1.6.1.6, 10.2.4, and 15.1		y
Document future plans to further a collaborative, proactive relationship between land use planners and water managers	y/n	Y	22/59 - 62	--	Sections 10.2.4 and 15.1		y



IRWM Plan Standard: Stakeholder Involvement					Overall Standard Sufficient		Yes
Requirement	Included		Plan Standard Source		Evidence of Sufficiency		Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Contain a public process that provides outreach and opportunity to participate in the IRWM plan *	y/n	Y	22/63	<a href="#">§10541.(g)</a>	Sections 1.3.3, 1.4, 15.3, and Figure 1-5		y
Identify process to involve and facilitate stakeholders during development and implementation of plan regardless of ability to pay; include barriers to involvement *	y/n	Y	64	§10541.(h) (2)	Section 1.3.3.6 and 1.4, Section 12.5.5		y
Discuss involvement of DACs and tribal communities in the IRWM planning effort	y/n	Y	23	--	Sections 1.4.1 and 15.3		y
Describe decision-making process and roles that stakeholders can occupy	y/n	Y	23	--	Sections 1.3, 1.4, and 12.5.4		y
Discuss how stakeholders are necessary to address objectives and RMS	y/n	Y	23	--	Sections 11.4 and 12.1		y
Discuss how a collaborative process will engage a balance in interest groups	y/n	Y	23	--	Sections 1.3.3 and 12.2		y

\* Requirement must be addressed.

IRWM Plan Standard: Coordination					Overall Standard Sufficient	Yes	
Requirement	Included		Plan Standard Source		Evidence of Sufficiency	Sufficient	
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Identify the process to coordinate water management projects and activities of participating local agencies and stakeholders to avoid conflicts and take advantage of efficiencies *	y/n	y	23/65	<a href="#">§10541.(e )(13)</a>	Sections 11.4 and 12.2		y
Identify neighboring IRWM efforts and ways to cooperate or coordinate, and a discussion of any ongoing water management conflicts with adjacent IRWM efforts	y/n	y	23/65	--	Section 1.1.1		y
Identify areas where a state agency or other agencies may be able to assist in communication or cooperation, or implementation of IRWM Plan components, processes, and projects, or where State or federal regulatory decisions are required before implementing the projects.	y/n	y	23	--	Sections 1.3.3.3, 12.2, 12.3.2, and 15.2		y

\* Requirement must be addressed.

IRWM Plan Standard: Climate Change						Overall Standard Sufficient	No
Requirement	Included		Plan Standard Source			Evidence of Sufficiency	Sufficient
From IRWM Guidelines	y/n - Present/Not Present in the IRWMP. If y/n/q qualitative evaluation needed.		2012 IRWM Grant Program Guidelines Source Page(s)	Legislative Support and/or Other Citations	Location of Standard in Grantee IRWM Plan	Brief Evaluation Narrative	y/n
Evaluate IRWM region's vulnerabilities to climate change and potential adaptation responses based on vulnerabilities assessment in the DWR Climate Change Handbook for Regional Water Planning *	y/n	N	23/66 - 73	Climate Change Handbook vulnerability assessment: <a href="http://www.water.ca.gov/climatechange/CCHandbook.cfm">http://www.water.ca.gov/climatechange/CCHandbook.cfm</a> ; November 2012 Guidelines Legislative and Policy Context, p. 66 §10541.( e )(11)		Specific Climate Change effects to the region are identified in Section 2.10.11 as well as a discussion of climate change (CC) vulnerabilities on agriculture, and mention of vulnerabilities as part of the Region's statewide priorities. The plan also states DWR's Climate Change Handbook (Handbook) was used to develop and link adaptation and mitigation strategies with plan objectives and RMS. However, there is no indication that a regional vulnerabilities assessment was performed. Recommend that at minimum the RWMG use the Handbook checklist to assess regional vulnerabilities if no other appropriate assessment is available.	N
Provide a process that considers GHG emissions when choosing between project alternatives *	y/n	y	23/68		Sections 12.1.2 and 12.3.1, and Appendix G	y	
Include a list of prioritized vulnerabilities based on the vulnerability assessment and the IRWM’s decision making process.	y/n	N	23/66 - 73		A list of prioritized vulnerabilities specific to the region could not be located, nor could the Region’s decision making process to prioritize vulnerabilities. Since it was not evident as to what all the region’s CC vulnerabilities are, recommend doing a vulnerability assessment comparable to the Handbook's checklist and then prioritize identified vulnerabilities.	N	
Contain a plan, program, or methodology for further data gathering and analysis of prioritized vulnerabilities	y/n	N	23/66 - 73		Section 11.2.8 indicates that plan will be updated after quantitative tools for GHGs are available and that the RWMG consider California Climate Change Action Registry and use additional resources for quantifying vulnerabilities and emissions. No indication of what CC data gaps exist for the region, or what further analysis would be needed since no prioritized vulnerabilities are evident.	N	
Include climate change as part of the project review process	y/n	y	23/68		Section 12.1.2 and Appendix G	y	

\* Requirement must be addressed.

Regulatory Citation	Link	Notes
IRWM Prop 84 and 1E Guidelines	<a href="http://www.water.ca.gov/irwm/grants/docs/Guidelines/GL_2012_FINAL.pdf">http://www.water.ca.gov/irwm/grants/docs/Guidelines/GL_2012_FINAL.pdf</a>	DWR November 2012 Guidelines - Final
CWC §10539	<a href="http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&amp;group=10001-11000&amp;file=10532-10539">http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&amp;group=10001-11000&amp;file=10532-10539</a>	
CWC §10540, §10541	<a href="http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&amp;group=10001-11000&amp;file=10540-10543">http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&amp;group=10001-11000&amp;file=10540-10543</a>	
CWC §10543	<a href="http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&amp;group=10001-11000&amp;file=10540-10543">http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&amp;group=10001-11000&amp;file=10540-10543</a>	
PRC §75026, §75028, CWP Update 2009, and California Watershed Portal	<a href="http://www.leginfo.ca.gov/cgi-bin/displaycode?section=prc&amp;group=75001-76000&amp;file=75020-75029.5">http://www.leginfo.ca.gov/cgi-bin/displaycode?section=prc&amp;group=75001-76000&amp;file=75020-75029.5</a>	The Department of Water Resources shall give preference to proposals that satisfy the criteria specified in PRC §75026.(b)(1). §75028.(a) - the department shall defer to approved local project selection, and review projects only for consistency with the purposes of Section 75026.
	<a href="http://www.waterplan.water.ca.gov/cwpu2009/index.cfm">http://www.waterplan.water.ca.gov/cwpu2009/index.cfm</a>	2009 California Water Plan Volumes I and II
	<a href="http://www.conservation.ca.gov/dlrp/watershedportal/Pages/Index.aspx">http://www.conservation.ca.gov/dlrp/watershedportal/Pages/Index.aspx</a>	California Watershed Portal
§10541. (e)(3)	<a href="http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&amp;group=10001-11000&amp;file=10540-10543">http://www.leginfo.ca.gov/cgi-bin/displaycode?section=wat&amp;group=10001-11000&amp;file=10540-10543</a>	